

For Research Use Only

CoraLite® Plus 488-conjugated Cannabinoid receptor 1 Polyclonal antibody



Catalog Number: **CL488-17978**

Basic Information

Catalog Number: CL488-17978	GenBank Accession Number: BC074812	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 1268	Recommended Dilutions: IF-P 1:50-1:500
Source: Rabbit	UNIPROT ID: P21554	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: cannabinoid receptor 1 (brain)	
Immunogen Catalog Number: AG12371	Calculated MW: 472 aa, 53 kDa	
	Observed MW: 45 kDa, 66 kDa	

Applications

Tested Applications:
IF-P

Species Specificity:
human, mouse, rat

Positive Controls:

IF-P: mouse brain tissue,

Background Information

Cannabinoid receptor 1 (CNR1, or CB1) and CNR2 (CB2) are members of the guanine-nucleotide-binding protein (G-protein) coupled receptor family. The CB1 receptor is expressed mainly in the brain. The CB2 receptor is expressed mainly in the immune system and in hematopoietic cells. The two receptors have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

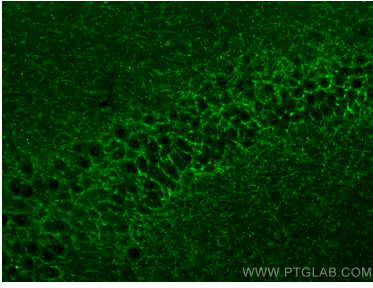
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using CoraLite® Plus 488 Cannabinoid receptor 1 antibody (CL488-17978) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).